

GENERAL INSTRUMENT CORPORATION

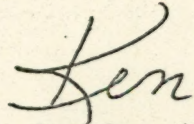
June 15, 1979

FROM: K. Greenberg

TO: C. Perry Mattel  
D. Chandler Mattel  
T. Dineen Mattel  
A. Secor Mattel  
B. Aspland GTE  
R. Henderson Mattel at GTE  
R. Norwood G.I.

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In accordance with your request of June 8, 1979, the logic board (D/N 39-133) is being revised per the attached ECN.

  
Ken Greenberg

KG/lr

Attach.



GENERAL INSTRUMENT CORPORATION  
MICROELECTRONICS GROUP  
CHANGE NOTICE

|   |                  |  |
|---|------------------|--|
| UNITS AFFECTED  |                  | <input checked="" type="checkbox"/> REVISION NOTICE<br><br><input type="checkbox"/> TEMPORARY AUTHORIZATION<br>(VOID AFTER _____ OR _____)<br>DATE _____ QTY. _____<br><br><input type="checkbox"/> INFORMATION NOTICE |
| ASSEMBLY NO.  | DESCRIPTION      |  |
| 2609  | MATTEL LOGIC PCB |  |
|   |                  |  |
| EFFECT ON DATA SHEETS YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |                  | EFFECT ON PRODUCTION<br><input checked="" type="checkbox"/> PRODUCTION (IMMEDIATE)<br><input type="checkbox"/> PRODUCTION (WHEN MAT. IS AVAILABLE)<br><input type="checkbox"/> NO OBSOLESCENCE OF MAT. OR PARTS.       |
| REASON FOR CHANGE:<br>MATTEL REQUEST  |                  |  |

| SPECIFICATION OR DRAWING NUMBER | DESCRIPTION   | REV. LETTER |
|---------------------------------|---|-------------|
| 39-133                          | <p>MATTEL LOGIC BOARD</p> <ol style="list-style-type: none"> <li>Add resistor R9 (18K <math>\frac{1}{2}</math>W, 2%) in parallel with C33.</li> <li>Change following resistors to:<br/> R3 22K <math>\frac{1}{4}</math>W 2%<br/> R10 22K <math>\frac{1}{4}</math>W 2%<br/> R11 22K <math>\frac{1}{4}</math>W 2%<br/> R14 5.6K <math>\frac{1}{4}</math>W 2%<br/> R1 2.7K <math>\frac{1}{4}</math>W 2%</li> <li>Add resistor R22 (180 <math>\Omega</math> <math>\frac{1}{4}</math>W 5%) from the junction of L3 and C5 to 12 volts; the 5 volt supply is removed from that junction.</li> <li>Add capacitor C40 in parallel with C17 use 47 uf radial (Per spec. 67-260984), observe polarity.</li> <li>Change C26 1uf capacitor to radial (per spec. 67-260983).</li> <li>Add test pads at power supply input.</li> <li>Correct machine insertion problems by moving C9, C15, L7, R5.</li> <li>Change lead spacing on C27, 28, 30 to .800.</li> <li>Add jumper in series with B+ side of channel select switch.</li> </ol> | U           |

Ken Greenberg  
6-12-79